

First View Articles

The following papers have recently been published online ahead of print in *Epidemiology and Infection*. To read the abstracts, and access the full text of these papers, please visit journals.cambridge.org/HYGFirstView

Title: Prolonged in-hospital exposure to an infant with active pulmonary tuberculosis

Authors: M. L. Ciofi Degli Atti, G. Castelli Gattinara, G. Ciliento, L. Lancella, C. Russo, L. Coltella, M. R. Vinci, S. Zaffina and M. Raponi

doi: 10.1017/S0950268810001809

Title: Occurrence and genetic relatedness of *Listeria* spp. in two brands of locally processed ready-to-eat meats in Trinidad

Authors: S. M. Syne, A. Ramsubhag and A. A. Adesiyun

doi: 10.1017/S095026881000172X

Title: Outbreak of gastroenteritis caused by *Yersinia pestis* in Afghanistan

Authors: T. Leslie, C. A. Whitehouse, S. Yingst, C. Baldwin, F. Kakar, J. Mofleh, A. S. Hami, L. Mustafa, F. Omar, E. Ayazi, C. Rossi, B. Noormal, N. Ziar and R. Kakar

doi: 10.1017/S0950268810001792

Title: A systematic review of outbreak and non-outbreak studies of extraintestinal pathogenic *Escherichia coli* causing community-acquired infections

Authors: D. B. George and A. R. Manges

doi: 10.1017/S0950268810001639

Title: Herd contact structure based on shared use of water points and grazing points in the Highlands of Ethiopia

Authors: A. Waret-Szkuta, A. Ortiz-Pelaez, D. U. Pfeiffer, F. Roger and F. J. Guitian

doi: 10.1017/S0950268810001718

Title: Congenital rubella syndrome and rubella in Vellore, South India

Authors: S. Chandu, A. M. Abraham, A. K. Jana, I. Agarwal, A. Kekre, G. Korula, K. Selvaraj and J. P. Muliylil

doi: 10.1017/S0950268810001755

Title: Serotype distribution of *Streptococcus pneumoniae* causing invasive disease in the Republic of Ireland

Authors: I. Vickers, M. Fitzgerald, S. Murchan, S. Cotter, D. O'Flanagan, M. Cafferkey and H. Humphreys

doi: 10.1017/S0950268810001743

Title: Molecular epidemiology of norovirus infections in children and adults: sequence analysis of region C indicates genetic diversity of NVGII strains in Kolkata, India

Authors: S. M. Nataraju, M. Pativada, D. Chatterjee, M. K. Nayak, B. Ganesh, M. K. Bhattacharya, T. Ramamurthy, S. Ganguly, D. R. Saha, K. Rajendran, M. Ghosh, N. Kobayashi and T. Krishnan

doi: 10.1017/S0950268810001731

Title: Naturally acquired hepatitis A antibodies after haematopoietic stem cell transplantation

Authors: S. S. Yalçın, M. Kondolot, H. Göker, B. Kuşkonmaz, Y. Karacan, M. Çetin, S. Aksu, İ. Tezcan and D. Uçkan

doi: 10.1017/S0950268810001585

Title: Uncertain outcomes: adjusting for misclassification in antimalarial efficacy studies

Authors: K. A. Porter, C. L. Burch, C. Poole, J. J. Juliano, S. R. Cole and S. R. Meshnick

doi: 10.1017/S0950268810001652

Title: Development of an individual-based model for polioviruses: implications of the selection of network type and outcome metrics

Authors: H. Rahmandad, K. Hu, R. J. Duintjer Tebbens and K. M. Thompson

doi: 10.1017/S0950268810001676

Title: Epidemiology of anthroponotic and zoonotic human cryptosporidiosis in England and Wales, 2004–2006

Authors: R. M. Chalmers, R. Smith, K. Elwin, F. A. Clifton-Hadley and M. Giles

doi: 10.1017/S0950268810001688

Title: Changes in blood culture methodology have an impact on time trends of bacteraemia: a 26-year regional study

Authors: M. Sogaard, M. C. Engebjerg, S. Lundbye-Christensen and H. C. Schönheyder

doi: 10.1017/S095026881000169X

Title: Incidence of surgical-site infections in orthopaedic surgery: a northern Italian experience

Authors: A. Castella, P. A. Argentero, E. C. Farina, L. Charrier, E. M. Brach del Prever, C. M. Zotti and the Piemonte Nosocomial Infection Study Group

doi: 10.1017/S0950268810001627

Title: Heterogeneity in vaccination coverage explains the size and occurrence of measles epidemics in German surveillance data

Authors: S. A. Herzog, M. Paul and L. Held

doi: 10.1017/S0950268810001664

Title: Invasive group A streptococcal disease in children in Queensland

Authors: B. D. Whitehead, H. V. Smith and C. Nourse

doi: 10.1017/S0950268810001378

Title: Automated early warning system for the surveillance of *Salmonella* isolated in the agro-food chain in France

Authors: C. Danan, T. Baroukh, F. Moury, N. Jourdan-Da Silva, A. Brisabois and Y. Le Strat

doi: 10.1017/S0950268810001469

Title: Risk attribution of *Campylobacter* infection by age group using exposure modelling

Authors: S. Buettner, B. Wieland, K. D. C. Staerk and G. Regula

doi: 10.1017/S095026881000155X

Title: Prevalence of hepatitis C virus and hepatitis B virus infections in HIV-positive Chinese patients

Authors: Y. X. Yan, Y. Q. Gao, X. Sun, W. Wang, X. J. Huang, T. Zhang, M. Li, C. P. Zang, Z. C. Li and H. Wu

doi: 10.1017/S0950268810001597

EPIDEMIOLOGY & INFECTION

CONTENTS

ORIGINAL PAPERS

Campylobacter infection

The spatial distribution of campylobacteriosis in New Zealand, 1997–2005

E. Rind & J. Pearce 1359

Molecular and spatial epidemiology of human campylobacteriosis: source association and genotype-related risk factors

P. Mullner, T. Shadbolt, J. M. Collins-Emerson, A. C. Midwinter, S. E. F. Spencer, J. Marshall, P. E. Carter, D. M. Campbell, D. J. Wilson, S. Hathaway, R. Pirie & N. P. French 1372

Spatio-temporal epidemiology of *Campylobacter jejuni* enteritis, in an area of Northwest England, 2000–2002

E. Gabriel, D. J. Wilson, A. J. H. Leatherbarrow, J. Cheesbrough, S. Gee, E. Bolton, A. Fox, P. Fearnhead, C. A. Hart & P. J. Diggle 1384

Risk factors for indigenous *Campylobacter jejuni* and *Campylobacter coli* infections in The Netherlands: a case-control study

Y. Doorduyn, W. E. van den Brandhof, Y. T. H. P. van Duynhoven, B. J. Breukink, J. A. Wagenaar & W. van Pelt 1391

Correspondence

N. Dayan, D. Revivo, L. Even, O. Elkayam & D. Glikman 1405

Salmonella infections

Overcoming trends in irregularly spaced locations by regional polish – exemplified by estimation of the range of influence between *Salmonella* Dublin-seropositive cattle herds

A. K. Ersbøll & B. K. Ersbøll 1407

Characterization of antimicrobial resistance, molecular and phage types of *Salmonella enterica* serovar Typhi isolations

W. H. B. Demczuk, R. Finley, C. Nadon, A. Spencer, M. Gilmour, L.-K. Ng & PulseNet Canada, the Canadian Integrated Program for Antimicrobial Resistance Surveillance Public Health Partnership and the Canadian Public Health Laboratory Network 1414

Investigation of risk factors for *Salmonella* on fattening-turkey farms

C. A. Featherstone, R. Reichel, L. C. Snow, R. H. Davies, K. H. Christiansen, J. J. Carrique-Mas & S. J. Evans 1427

Other gastrointestinal infections

The use of a new virtual cohort study design to investigate an outbreak of *E. coli* O157 linked to a supermarket delicatessen

G. McCartney, J. Cowden, S. Murray & S. Ahmed 1439

A Middle East subregional laboratory-based surveillance network on foodborne diseases established by Jordan, Israel, and the Palestinian Authority

D. Cohen, N. Gargouri, A. Ramlawi, Z. Abdeen, A. Belbesi, B. Al Hijawi, A. Haddadin, S. Sheikh Ali, N. Al Shuaibi, R. Bassal, R. Yishai, M. S. Green & A. Leventhal 1443

Short Report: Relapse and reacquisition of rectal colonization by vancomycin-resistant *Enterococcus faecium* after decolonization

W. G. Lee, I. J. Park, H. Y. Jin & M. H. Park 1449

Prevalence and characteristics of asymptomatic norovirus infection in the community in England

G. Phillips, C. C. Tam, L. C. Rodrigues & B. Lopman 1454

Prevalence and clinical correlations of genetic subtypes of *Giardia lamblia* in an urban setting

A. S. Breathnach, T. D. McHugh & P. D. Butcher 1459

Short Report: The disease pyramid for acute gastrointestinal illness in New Zealand

R. J. Lake, S. B. Adlam, S. Perera, D. M. Campbell & M. G. Baker 1468

Influenza

Modelling seasonality and viral mutation to predict the course of an influenza pandemic

P. Shi, P. Keskinocak, J. L. Swann & B. Y. Lee 1472

Correspondence

C. J. Williams & U. Buchholz 1482

Other infections

Disease burden of Puumala virus infections, 1995–2008

P. Makary, M. Kanerva, J. Ollgren, M. J. Virtanen, O. Vapalahti & O. Lyytikäinen 1484

Construction of syndromic surveillance using a web-based daily questionnaire for health and its application at the G8 Hokkaido Toyako Summit meeting

H. Sugiura, Y. Ohkusa, M. Akahane, T. Sugahara, N. Okabe & T. Imamura 1493

Pregnancy-associated listeriosis

K. A. Jackson, M. Iwamoto & D. Swerdlow 1503

The extent of injection site infection in injecting drug users: findings from a national surveillance study

V. D. Hope, A. Marongiu, J. V. Parry & F. Ncube 1510